**Voyage to the Center of the Heart**

***Circulatory/Respiration mini-project***

For this assignment, you will create a story that describes the voyage of either…

* A red blood cell

or

* An oxygen molecule

or

* A carbon dioxide molecule

…through the circulatory/respiratory system. You have a choice of how to present your story; you may create a:

* Comic strip
* Short story
* Slide-show presentation
* Other (with approval)

When completing your “voyage story” be sure to include:

1. The structures and functions of the circulatory and respiratory systems
2. Factors that affect blood flow through the circulatory system
3. Interactions between your cell/molecule and other important molecules, cells, and organs

Complete sentences should be used in all written descriptions, as well as proper punctuation. Your explanations and descriptions should include important terms such as:

alveoli

arteries

atrium

bronchial

bone marrow

capillaries  
carbon dioxide

cellular respiration

deoxygenated blood heart

diffusion

lungs

oxygen

oxygenated blood  
plasma

platelets

pulmonary circulation

systemic circulation  
veins

ventricle

white blood cells